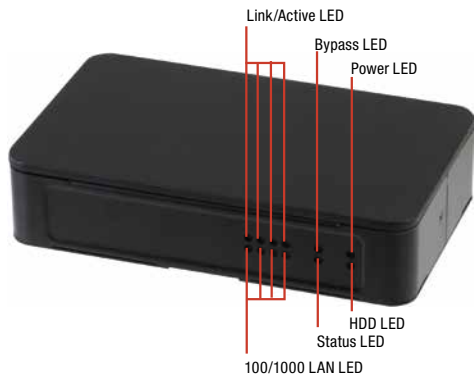
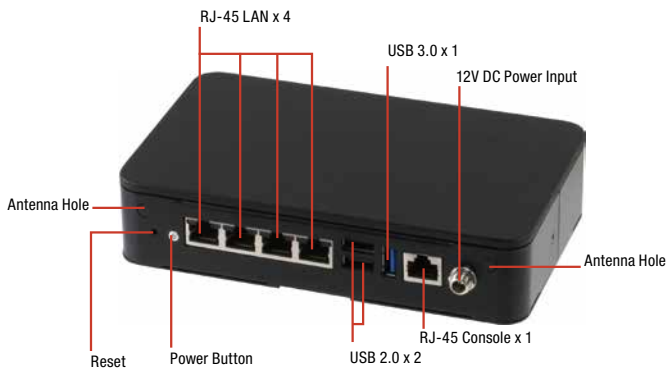


Desktop 4 LAN Ports Network Appliance with Intel® Celeron® N2807/J1900 Processor, Wide Temperature

Front View



Rear View



Specifications

Platform	
Form Factor	Desktop 4-Port Network Appliance
Processor	Intel® Celeron® N2807 2.0 GHz (Dual Core) Intel® Celeron® J1900 2.0 GHz (Quad Core)
Chipset	—
System Memory	204-pin SODIMM: Intel® N2807 Single-channel DDR3L 1333MHz x 1/ Intel® J1900 Dual-channel DDR3L 1333MHz x 2
Network	
Ethernet	Intel® i211, Gigabit Ethernet x 4
Bypass	Supports 1 pair bypass function
Display	
Graphic Controller	Reserve internal VGA pin header x 1
Connector	—
Storage	
HDDs	—
CF/CFast/mSATA	CF socket x 1

Features

- Intel® Celeron® N2807/J1900 Processor
- 204-pin SODIMM: Intel® N2807 Single-channel DDR3L 1333 MHz x 1/ Intel® J1900 Dual-channel DDR3L 1333 MHz x 2
- 10/100/1000Base-TX Ethernet Port x 4
- CompactFlash™ Socket x 1
- Mini-Card Slot x 1
- RJ-45 Console x 1, USB 3.0 x 1, USB 2.0 x 2
- Wide Operating Temperature Range: Intel® N2807: -20°C ~ 70°C/ Intel® J1900: 0°C ~ 50°C
- Fanless



Expansion/Internal Interface

PCIe slot	—
Mini-PCIe slot	Mini-Card Slot x 1 (Half size)
Keyboard and Mouse	Reserve pin-header
Universal Serial Bus	USB 2.0 x 2, USB 3.0 x 1

Miscellaneous

RTC	Internal RTC
Watchdog Timer	1~255 steps by software programmable
Software Button	GPIO Programmable push button x 1
TPM	—
GPIO	—
FAN	Fanless
MTBF (Hours)	—
Color	Black

Environmental Parameters and Dimension

Power Requirement	12V DC power in connector/ 40W Power adapter x 1, 4-pin DC power out connector for HDD x 1
Operation Temp.	-4°F ~ 158°F (-20°C ~ 70°C), N2807/ 32°F ~ 122°F (0°C ~ 50°C), J1900
Storage Temp.	-4°F ~ 158°F (-20°C ~ 70°C)
Operating Humidity	10%~80% relative humidity, non-condensing
Storage Humidity	10%~80% @40°C, non-condensing
Vibration	1 Grms/ 5 ~ 500Hz/ operation 2 Grms/ 5 ~ 500Hz/ non-operation
Shock	15 G peak acceleration (11 m sec. duration), operation 20 G peak acceleration (11 m sec. duration), non-operation
Chassis Dimension (W x D x H)	6.89" x 4.09" x 1.5" (175mm x 104mm x 38mm)

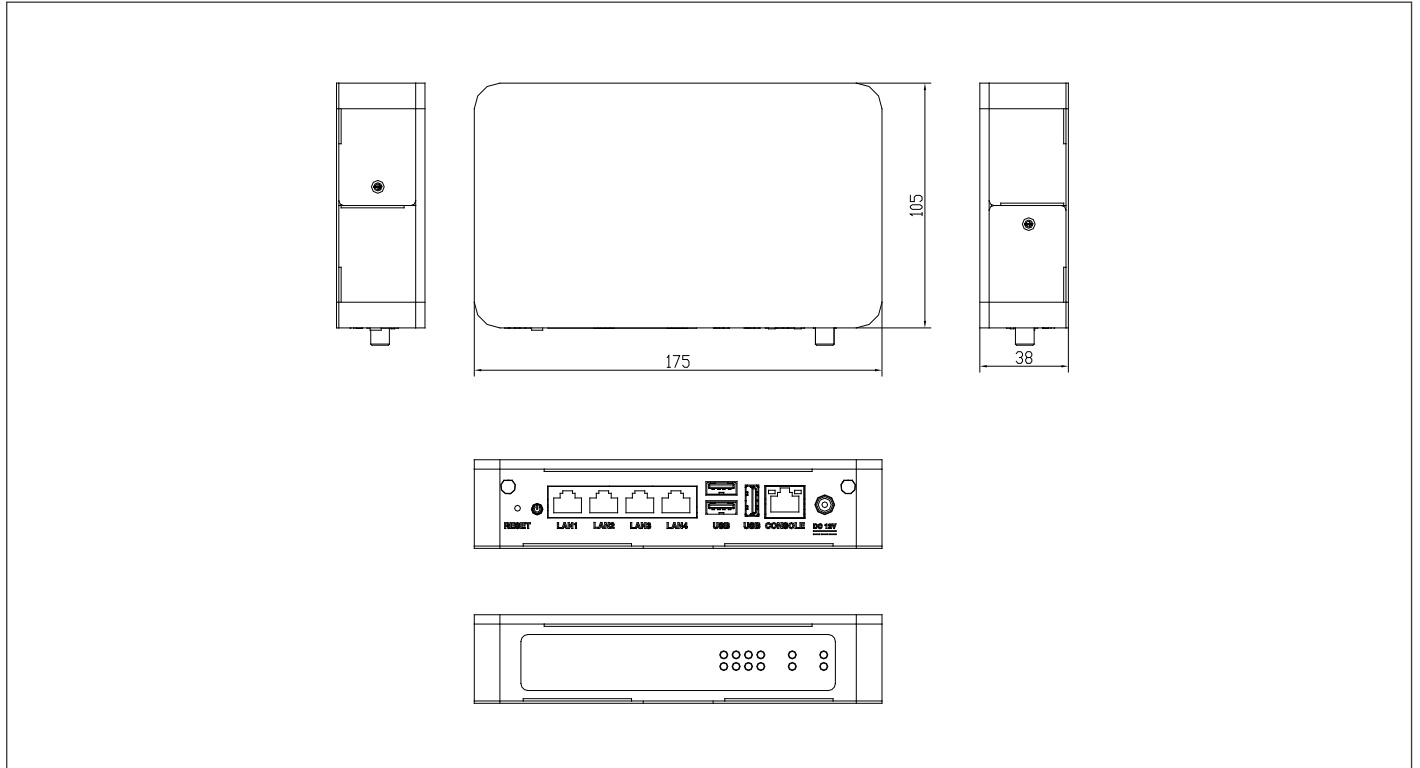
I/O Interfaces

Front Panel	- Power LED x 1 - Status LED x 1 - HDD Active LED x 1 - LAN LED x 8
Rear Panel	- 12V DC Power Input x 1 - Power Button x 1 - USB 3.0 x 1 - USB 2.0 x 2 - RJ-45 LAN x 4 - RJ-45 Console x 1 - Software Programmable Button x 1

FWS-2253

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Bypass	Mini-Card Slot	Storage	LAN	USB	Console	System Fan	TPM	Display	Mounting	Power
FWS-2253E4-A10-A10-00	Intel® Celeron® N2807	DDR3L, SODIMM Single Channel	—	—	CompactFlash™ socket x 1	4	USB 2.0 x 2 USB 3.0 x 1	RJ-45 x 1	Fanless	—	—	Desktop	DC
FWS-2253E4-A10-A10-01	Intel® Celeron® J1900	DDR3L, SODIMM Dual-Channel	1	1	CompactFlash™ socket x 1	4	USB 2.0 x 2 USB 3.0 x 1	RJ-45 x 1	Fanless	—	—	Desktop	DC

Packing List

- Power Adapter
- Product CD
- FWS-2253

Optional Accessories

- **1709150151**
VGA Cable
- **1700091805**
Console Cable
- **1702031802**
Power Cord, 3P-250V/10A, 180D, 1.8M, USA, YP22/YP12
- **1702031803**
Power Cord, 3P-250V/10A, 180D, 1.8M, VDE, YP22/YP12
- **170203180B**
Power Cord, 3P-250V/10A, 180D, 1.8M, China, YP-03/YC-12
- **170203180E**
Power Cord, 3P-125V/7A, 1.8M, PSE, YP12/YC-12